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| Substitute form for form 1449A & 1449B/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application No. | 09/964,509 |
| | | Filing Date | September 28, 2001 |
| | | First Named Inventor | Andrzej Barwicz |
| | | Group Art Unit | 2874 |
| | | Examiner Name | Unknown |
| Sheet 1 of 1 | Attorney Docket No. | 60-06 US | |

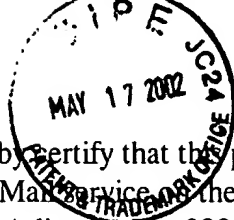
| U.S. PATENT DOCUMENTS | | | | | | |
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| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
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| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| <i>MMH</i> | | UK | 0109656.9 | | Bookham Technology plc | Filed 19-Apr-01 | | |
| <i>MMH</i> | | UK | 0107112.5 | | Bookham Technology plc | Filed 21-Mar-01 | | |
| <i>MMH</i> | | UK | 0021240.7 | | Bookham Technology plc | Filed 31 Aug-00 | | |
| <i>MMH</i> | | WIPO | WO 99/57834 | | University of Maryland Baltimore County | 11-Nov-99 | | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in capital letters), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
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| Examiner Signature | <i>Michael H. Caley</i> | Date Considered | 2.20.03 |
|--------------------|-------------------------|-----------------|---------|

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.



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